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DEFENSE INTELLIGENCE AGENCY
WASHINGTON, D. C. 20301



SUBJECT: World-Wide Positioning Requirements

TO: Distribution

In accordance with paragraph 2. of MCGWG-M-32, the enclosure with one attachment, subject as above, is furnished for review prior to forwarding to Chairman COMIREX. Comments or concurrences are requested by 1300 hours, 17 May 1968. Concurrences may be telephoned to [redacted] extension [redacted] and comments furnished to me through appropriate channels.

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Colonel, USA
Chairman
COMIREX MC&G Working Group

1 Enclosure a/s

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DIA and NRO review(s)
completed.

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MCGWG-D-10

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DEFENSE INTELLIGENCE AGENCY
 WASHINGTON, D. C. 20301


MEMORANDUM FOR [REDACTED] CHAIRMAN COMIREX

SUBJECT: World-Wide Positioning Requirements

1. The attached statement (enclosure 1) on world-wide positioning requirements was prepared to answer questions raised by the cancellation of the Mark 17 re-entry vehicle with which the specific accuracies had been identified, and to reaffirm the positioning requirement both as to accuracies and date required.
2. The COMOR-D-13/65 memorandum for USIB indicates that long-range missile systems that will be added to our inventory require that targets be accurately positioned world-wide to [REDACTED] vertically with 90% assurance relative to the World Geodetic System and that this work must be accomplished for the Sino Soviet bloc by 1970. Upon a re-examination of the development schedule, it has been determined as set forth in enclosure 1 that the earliest IOC date is CY 1969. Thus, the positions in the Sino Soviet area are required as much as six months to one year earlier than previously stated. Dependent on the approach taken, materials capable of providing the required accuracies are needed six months to a year prior to CY 1969. In essence, this means that adequate materials are required now.
3. There is a potential requirement for a system to support a positioning capability of [REDACTED] 90% assurance. Action has been taken to establish more definitive information on this matter. It was expected that a firm statement on this potential requirement would now be available, but it is now determined this statement will not be available before July 1968.
4. Because of timing considerations, the MCGWG expressed a sense of urgency in obtaining the materials necessary for meeting the requirement. In accord with MCGWG conclusions, it is requested that greater emphasis be placed on recognition of the requirement and proposed solutions to meet the requirement.

[REDACTED]

Colonel, USA
 Chairman
 COMIREX MC&G Working Group

1 Enclosure a/s

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WORLD-WIDE POSITIONING REQUIREMENTS

Geodetic point positioning accuracies required to support ICBM systems were given in USIB 41.14/295 as [REDACTED] 25X1
90% assurance, on the World Geodetic System. Subsequently, related discussions have specifically identified the Mark 17 re-entry vehicle as requiring the above accuracies. The Mark 17 was cancelled after the initial operating capability (IOC) date had been slipped to July 1969. It should be noted that the Mark 17 was used as a representative example and was not the only re-entry vehicle requiring the stated accuracies. There are other re-entry vehicles which will require the same point positioning accuracy to achieve their CEP goal. The earliest IOC date for these systems is CY 1969. Cancellation of the Mark 17 system in no way modifies the point positioning accuracy requirement as stated. In order to support the IOC date, materials capable of providing the required accuracies are needed prior to the start of FY 1969.

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